

The compact TA range are vertically mounted line shaft pumps with intermediate bearings for line shaft support. Pump construction generally complies with the requirements of API 610 (VS4). Many applications can be supported with open or enclosed line shaft configurations combined with various shaft sealing options such as gland packing and mechanical or gas seals.

APPLICATIONS

- Surface & waste waters
- Medium slurries with abrasive solids or fibres
- Recycled waters
- Blow down drains

Examples:

- Steel mills
- Chemical & Petrochemical plants
- Oil & Gas
- Paper mills
- Power plants
- All kinds of sump duties



FEATURES

- Easy maintenance...
Space coupling allows seals/bearing servicing without pump removal, replaceable wear plate
- Top or bottom mounted seal option
- Media or external lubrication option

Construction Vertical Suspended Line Shaft with Intermediate Bearings

Design Standards API 610 latest edition
ISO13709
ATEX 94/9/EC

Hydraulic Options



ES Semi open
Homogeneous slurries. Medium Hydrocarbons. Fibres and solids in suspensions. Pre Treatment and Electro Coat paint. Primary, secondary & activated sludge. Liquids with entrained gases.



NK Closed
Clean/contaminated fluids. Chemical & petrochemical slurries. Juices & juice slurries. Light Hydrocarbons



FN Vortex fully open
Fibrous, textile, leather, rubber, polymer suspensions. Delicate crystals such as salt and xylene. Hydrocarbons. Generally low shear applications.

Max Capacity Up to 1200m³/h**

Max Op. Pressure 16 Bar

Temperature 200°C*

Max Head 120m**

Max Pump Speed 3550 rpm**

Pump lengths Up to 5.5m, longer on request

Materials Wide range of alloys incl NACE compliant

Design Life 20 Years (3 years constant operation)

* For higher values contact us

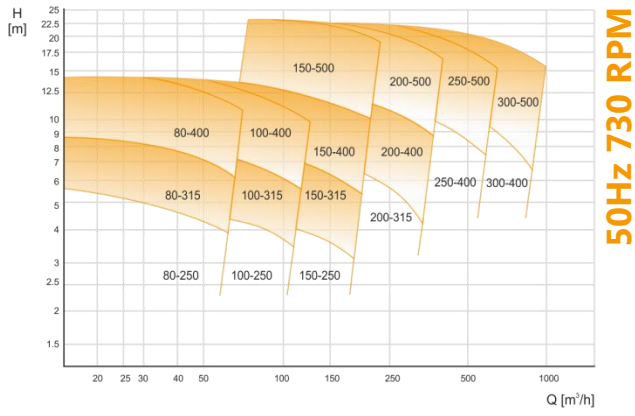
** Relative to Hydraulics used

RODELTA
PUMPS INTERNATIONAL



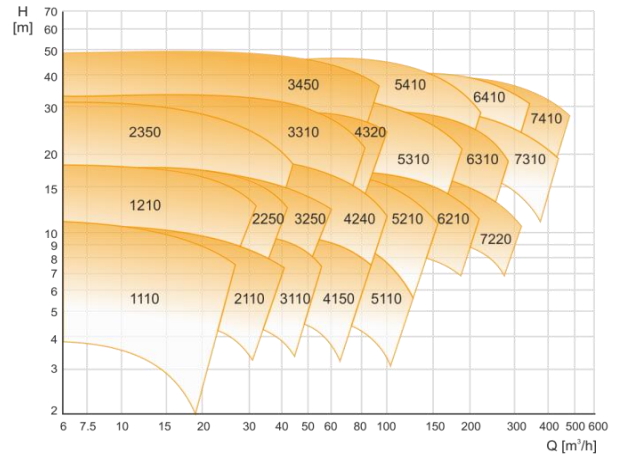
PERFORMANCE DATA

ES Hydraulic

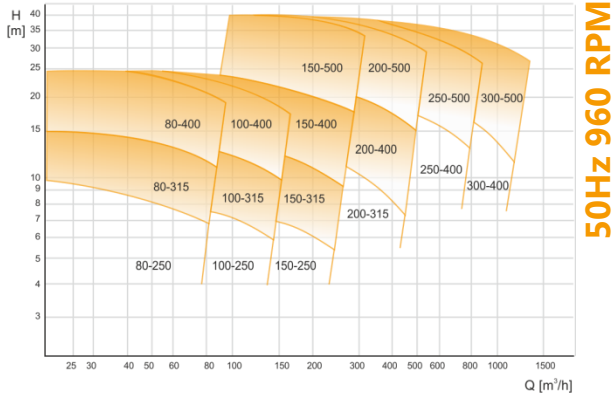


50Hz 730 RPM

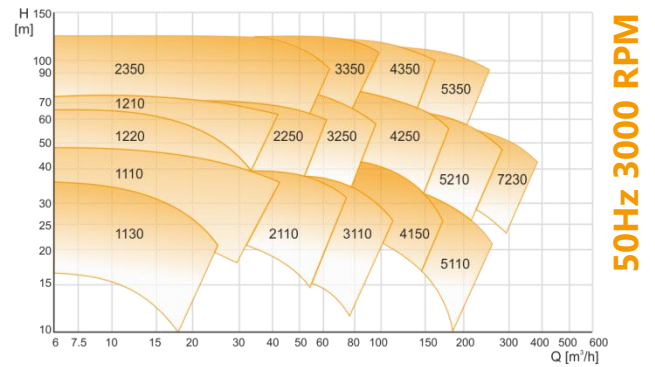
NK Hydraulic



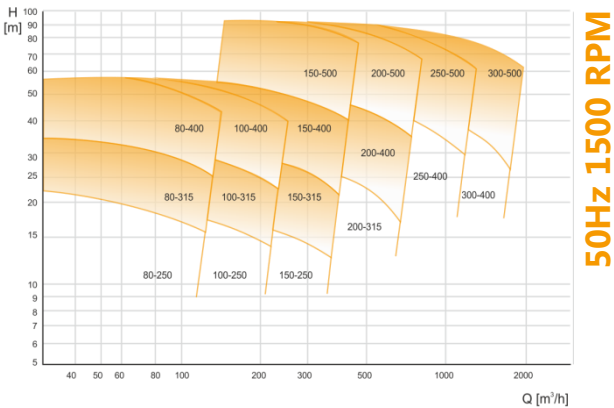
50Hz 1500 RPM



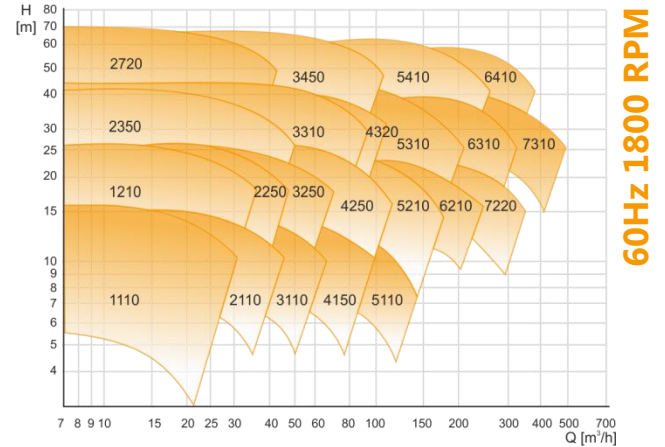
50Hz 960 RPM



50Hz 3000 RPM

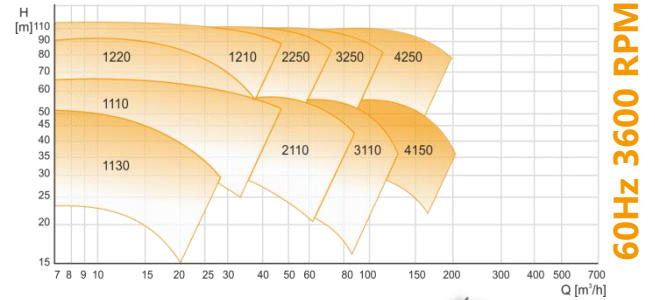
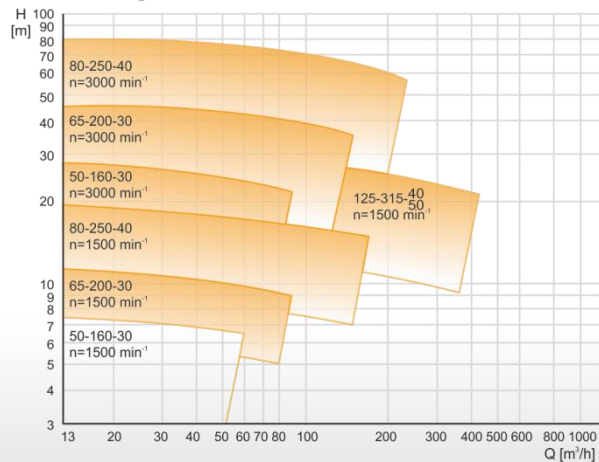


50Hz 1500 RPM



60Hz 1800 RPM

FN Hydraulic



60Hz 3600 RPM

